

U.S. Patent Application Serial No. 09/916,314
Response filed April 25, 2006
Reply to OA dated February 1, 2006

AMENDMENTS TO THE CLAIMS:

Please cancel claims 11, 13-19 and 21 without prejudice or disclaimer. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Canceled).

Claim 2 (Previously Presented): An organic EL element comprising:

an organic EL layer formed between an anode and a cathode; and

said cathode consisting of a first conductive film that contacts to said organic EL layer and a second conductive film that constitutes a laminated structure together with said first conductive film, said first conductive film containing any one of an alkaline metal and an alkaline earth metal, and

said second conductive film containing any one of at least one type metal selected from the group consisting of Ru (ruthenium), Rh (rhodium), Ir (iridium), Os (osmium), Re (rhenium) and the oxides of Ru, Rh, Ir, Os and Re.

Claims 3 - 6 (Canceled).

Claim 7 (Previously Presented): An organic EL element comprising:

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an anode;

a buffer layer which is formed of at least one type metal selected from a group consisting of Ru, Mo, and V on said anode and a surface of which is oxidized, said buffer layer comprises said oxidized surface and an unoxidized layer under said oxidized surface;

an organic EL layer formed to be contacted to said oxidized surface of said buffer layer; and
a cathode formed on said organic EL layer.

Claim 8 (Original): An organic EL element according to claim 7, wherein said cathode contains any one of an alkaline metal and alkaline earth metal.

Claims 9-19 (Canceled).

Claim 20 (Previously Presented): An organic EL element comprising:

an organic EL layer formed between an anode and a cathode; and

said cathode consisting of a first conductive film that contacts to said organic EL layer and a second conductive film that constitutes a laminated structure together with said first conductive film, said first conductive film containing any one of an alkaline metal and an alkaline earth metal, and said second conductive film is formed of a laminated film consisting of:

a conductive film containing any one of at least one type metal selected from the group consisting of Ru, Rh, Ir, Os, Re and the oxides of Ru, Rh, Ir, Os and Re, and

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any one of a TiN film and a laminate film formed of a Ti film and a TiN film on said Ti film.

Claim 21 (Canceled).